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Dated:5-10-05

Signature:
Printed Name: C. A. BRAOLE

Docket No.: 60710-00002USC1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Charles F. Brunicardi

Application No.: 10/656450

Confirmation No.: 8472

Filed: September 5, 2003

Art Unit: 1632

For:

PROMOTER DRIVEN TISSUE SPECIFIC CYTOTOXIC AGENTS AND METHODS OF

Examiner: Not Yet Assigned

USE

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached substitute for form 1449A/B/PTO. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The attached substitute lists the same references as were provided with an Information Disclosure Statement (IDS) for a related family member -- continuation application 10/948,872. Also, all references except thirteen references (i.e., CZ1, CA2, CB2, CB2, CC2, CD2, CE2, CF2, CG2, CH2, CA3, CB3 and CC3) were listed with an IDS, or cited by the Examiner, in the prosecution of parent application 09/686,631 (now U.S. Patent No. 6,716,824). Of the remaining thirteen references, the first ten references (i.e., CZ1, CA2, CB2, CB2, CC2, CD2, CE2, CF2, CG2, CH2) were previously provided in an IDS submitted December 14, 2003 for this application. The remaining three references (i.e., CA3, CB3 and CC3, which are provided with this IDS) are:

HOUSTON 345636v1 60710-00002USC1



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Application No.: 10/656450 Docket No.: 60710-00002USC1

CA3	WANG et al., "Specific Gene Expression and Therapy for Pancreatic Cancer							
	Using the Cytosine Deaminase Gene Directed by the Rat Insulin Promoter",							
	of GASTROINTESTINAL SURGERY, 2004, Vol. 8 No. 1: 98-108.							
CB3	TIRONE et al., "Insulinoma-Induced Hypoglycemic Death in Mice is							
	Prevented with Beta Cell-Specific Gene Therapy", ANNALS OF SURGERY,							
	May 2001, Vol. 233, No. 5: 603-611							
CC3	TIRONE et al., "Cell-specific Cytotoxicity of Human Pancreatic							
	Adenocarcinoma Cells Using Rat Insulin Promoter Thymidine Kinase-							
	directed Gene Therapy", WORLD J. OF SURGERY, 2004, 28: 826-833.							

This IDS is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.97(g), the filing of this IDS shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this IDS shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the IDS is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 60710-00002USC1.

Dated: May 9, 2005

Respectfully submitted,

Mark J. Gatschet

Registration No.: 42,569

By Mark J. Hatschet

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PTO/SB/21 (09-04)
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TRANSMITTAL FORM

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Total Number of Pages in This Submission

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Application Number	10/656450-Conf. #8472
Filing Date	September 5, 2003
First Named Inventor	Charles F. Brunicardi
Art Unit	1632
Examiner Name	Not Yet Assigned
Attorney Docket Number	60710-00002USC1

ENCLOSURES (Check all that apply)					
Fee Transmittal Form	Drawing(s)	After Allowance Communication to TC			
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences			
Amendment/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After Final	Petition to Convert to a Provisional Application	Proprietary Information			
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter			
Extension of Time Request	Terminal Disclaimer	X Other Enclosure(s) (please Identify below):			
Express Abandonment Request	Request for Refund	Return Receipt Postcard Certificate of Mailing			
X Information Disclosure Statement	CD, Number of CD(s)	Substitute for form 1449A/B/RTO Non-Patent References (Wang et			
Certified Copy of Priority Document(s)	Landscape Table on CD	al., 2004; Tirone et al., 2001; and Tirone et al., 2004)			
Reply to Missing Parts/ Incomplete Application	Remarks				
Reply to Missing Parts under 37 CFR 1.52 or 1.53					
SIGNAT	URE OF APPLICANT, ATTORNEY,	OR AGENT			
Firm Name JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION					
Signature Mark J. Patschit					
Printed name Mark J. Gatschet					
Date May 10, 2	005 Reg. N	o. 42,569			

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Complete if Known Substitute for form 1449A/B/PTO Application Number 10/656450 INFORMATION DISCLOSURE September 5, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Charles F. Brunicardi Art Unit 1632 (Use as many sheets as necessary) Not Yet Assigned Examiner Name Sheet 1 Attorney Docket Number 60710-00002USC1

	U.S. PATENT DOCUMENTS						
Examiner	Cite Document Number		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
	AA**	US-5,997,859-A1	12-07-1999	Barber et al.	-		
	AB**	US-6,066,624-A1	05-23-2000	Woo et al.			
	AC**	US-6,241,982B1-A1	06-05-2001	Barber et al.			
	AD**	US-6,217,860B1-A1	04-17-2001	Woo et al.			
	AE**	US-5,674,703-A1	10-07-1997	Woo et al.			
	AF**	US-5,631,236-A1	05-20-1997	Woo et al.			
	AG**	US-5,811,266-A1	09-22-1998	Newgard			
	AH**	US-5,952,221-A1	09-14-1999	Kurtzman et al.			
	Al**	US-5,723,333-A1	03-03-1998	Levine et al.			
	AJ**	US-5,885,971-A1	03-23-1999	German et al.			
	AK**	US-5,880,261-A1	03-09-1999	Waeber et al.			
	AL**	US-5,863,794-A1	01-26-1999	Strayer			
	AM*	US-5,837,693-A1	11-17-1998	German et al.			
	AN**	US-5,837,283-A1	11-17-1998	McDonald et al.			
	AO**	US-5,792,656-A1	08-11-1998	Newgard			
	AP**	US-5,747,325-A1	05-05-1998	Newgard			
	AQ**	US-5,858,973-A1	01-12-1999	Habener et al.			
	AR**	US-5,728,379-A1	03-17-1998	Martuza et al.			

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,				
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	known) MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear				
	BA**	WO-WO 95/05835-A1	03-02-1995						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, and/or country where published.							
	CA**	DIMAIO et al., "Directed enzyme pro-drug gene therapy for pancreatic cancer in vivo", SURGERY, Vol. 116, No. 2, 1994, pp. 205-213.					
	CB**	EASTHAM et al., "Prostate Cancer Gene Therapy: Herpes Simplex Virus Thymidine Kinase Gene Transduction Followed by Ganciclovir in Mouse and Human Prostate Cancer Models", HUMAN GENE THERAPY, 1996, 7:515-523.					
	CC**	FRAZIER, "Gene Expression in Pancreatic Adenocarcinoma", ANNALS NEW YORK ACADEMY OF SCIENCES, 1999, 880:1-4.					
	CD**	HAMAGUCHI et al., "NIT-1, A Pancreatic β-Cell Line Established from a Transgenic NOD/Lt Mouse", DIABETES, 1991, 40:842-849.					

Examiner	Date	
Signature	Considered	

PTO/SB/08a/b (08-03)

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Sut	ostitute for form 1449A/B/PT	о		Complete if Known		
				Application Number	10/656450	
11	NFORMATION	l Di	SCLOSURE	Filing Date	September 5, 2003	
S	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Charles F. Brunicardi	
				Art Unit	1632	
	(Use as many sh	eets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	2	of	4	Attorney Docket Number	60710-00002USC1	

CF** KATABI et al., "Hexokinase Type II: A Novel Tumor-Specific Promoter for Gene-Targeted Therapy Differentially Expressed and Regulated in Human Cancer Cells", HUMAN GENE THERAPY, 1999, 10:155-164. CG** KANEKO et al., "Adenovirus-mediated Gene Therapy of Hepatocellular Carcinoma Using Cancer-specific Gene Expression", CANCER RESEARCH, 1995, 55:528-5287. CH** KIJIMA et al., "Application of the Cre Recombinase/Dox System Further Enhances Antitumor Effects in Cell Type-specific Gene Therapy against Carcinoembryonic Antigene-producing Cancer, CANCER RESEARCH, 1999, 59:4906-4911. CI** KUJIMA et al., "Subtype-Selective Expression of the Five Somatostatin Receptors (INSTR1-5) in Human Pancreatic Islet Cells: A Quantitative Double-Label Immunohistochemical Analysis", DIABETES 1999, 48:77-85. CJ** LIEBER et al., "Establishment of a Continuous Tumor-Cell Line (PANC-1) from a Human Carcinoma of the Exocrine Pancreas", INT. J CANCER, 1975, 15:741-747. CK** NAYA et al., "Diabetes, defective pancreatic morphogenesis, and abnormal enteroendocrine differentiation in BETA2/Insuro-Deficient mice", GENES & DEVELD/PMENT, 1997, 11:2923-2334. CL** CGSAKI et al., "Gene Therapy for Carcinoembryonic Antigene-producing Human Lung Cancer Cells by Cell Type-specific Expression of herpes Simplex Virus Thymidine Kinase Gene", CANCER RESEARCH, 194, 54:5258-5261. CM** ROBERTSON, et al., "Use of tissue-specific promoter for targeted expression of the herpes simplex virus thymidine kinase gene in cervical carcinoma cells", CANCER GENE THERAPY, Vol. 5, No. 5, 1998, pp. 331-336. CN** SANDER et al., "The P cell transcription factors and development of the pancreas", J. MOL MED., 1997, 75(5):327-340 (14 pp). CO** SCHWARTZ et al., "An orthotopic in vivo model of human pancreatic cancer", SURGERY Vol. 5, No. 5, 1998, pp. 181-291. CO** TIRONE et al., "Alterations in Insulin Secretion in the Somatostatin subtype Receptor 5 Knockout Mouse Using the Isolated Perfused Mouse Pancreas Model", SURGICAL FORUM, 86th Annual Clinical Congress 2000, V				
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CG** KANEKO et al., "Adenovirus-mediated Gene Therapy of Hepatocellular Carcinoma Using Cancer-specific Gene Expression", CANCER RESEARCH, 1995, 55:5283-5287. CH** KIJIMA et al., "Application of the Cre Recombinase/loxP System Further Enhances Antitumor Effects in Cell Type-specific Gene Therapy against Carcinoembryonic Antigene-producing Cancer", CANCER RESEARCH, 1999, 59:4906-491. CI** KUMAR et al., "Subtype-Selective Expression of the Five Somatostatin Receptors (hSSTR1-5) in Human Pancreatic Islat Cells: A Quantitative Double-Label Immunohistochemical Analysis", DIABETES 1999, 48:77-85. CJ** LIEBER et al., "Establishment of a Continuous Tumor-Cell Line (PANC-1) from a Human Carcinoma of the Exocrine Pancreas", INT. J CANCER, 1975, 15:741-747. CK** NAYA et al., "Diabetes, defective pancreatic morphogenesis, and abnormal entercendocrine differentiation in BETAZINeuroD-deficient mice", GENES & DEVELOPMENT, 1997, 11:2323-2334. CL** OSAKI et al., "Gene Therapy for Carcinoembryonic Antigene-producing Human Lung Cancer Cells by Cell Type-specific Expression of herpes Simplex Virus Thymidine Kinase Gene", CANCER RESEARCH, 194, 54:5289-5261. CM** ROBERTSON, et al., "Use of tissue-specific promoter for targeted expression of the herpes simplex virus thymidine kinase gene in cervical carcinoma cells", CANCER GENE THERAPY, Vol. 5, No. 5, 1998, pp. 331-336. CN** SANDER et al., "The β cell transcription factors and development of the pancreas", J. MOL MED., 1997, 75(5):327-340 (14 pp). CO** SCHWARTZ et al., "An orthotopic in vivo model of human pancreatic cancer", SURGERY VOL. 126, No. 3, 1999, pp. 562-567. CP** SIDERS et al., "Melanom-specific cytotoxicity induced by a tyrosinase promoterenhancer/herpes simplex virus thymidine kinase adenovirus", CANCER GENE THERAPY Vol. 5, No. 5, 1998, pp. 181-291. CQ** TIRONE et al., "Alterations in Insulin Secretion in the Somatostatin Subtype Receptor 5 Knockout Mouse Using the Isolated Perfused Mouse Pancreas Model", SURGICAL FORUM, 86th Annual Clinical Congress 2000, Vol			Therapy Differentially Expressed and Regulated in Human Cancer Cells", HUMAN GENE	
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Note: Ea

Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Substitute for Form 1449A/B/PTO) (4 pages w/ 3 New References)

Reference CA3 (11 pages) Reference CB3 (9 pages) Reference CC3 (8 pages)

Information Disclosure Statement (2 pages)

Transmittal Form (1 page)

Postcard